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First Named Inventor:
Docket Number:

11/585,061 October 23, 2006 Justin S. Dyer KSU-002

Date:

April 25, 2007

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Information Disclosure Statement

Pursuant to 37 C.F.R. §1.56, 1.97, and 1.98, this Information Disclosure Statement is submitted in the above-identified patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO 1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each foreign patent and publication, or portion thereof listed or herein identified, is submitted herewith, except that a copy of any U.S. patent application identified herein or any patent publication or other information listed herein cited or submitted in a prior application relied upon for an earlier filing date under 35 U.S.C. §120 and identified below, is not submitted.

Certification

This Information Disclosure Statement is submitted prior to the mailing date of the first Office Action on the merits received by Applicant in the above-identified patent application.

Respectfully submitted

Steven J Shattil, USPTO Reg. No. 40,170

P.O. Box 17355

Boulder, CO 80308-0355

(720)234-4351 (phone) genghiscomm@comcast.net

Considered

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Signature

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE ired to respond to a collection of information unless it contains a valid OMB control number Complete if Known Substitute for form 1449/PTO Application Number APR 3 0-7007 Filing Date INFORMATION DISCLOSURE October 23, 2006 First Named Inventor STATEMENT BY APPLICA Justin S. Dver Art Unit (Use as many sheets as necessar Examiner Name Sheet 1 of 3 Attorney Docket Number KSU002

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Examiner Initials*	No.	Document Number Number-Kind Code ^{2 (f Anown)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 20050237920	10-27-2005	Howard	
		US- 20060198459	09-07-2006	Fischer	
		US- 20070014378	01-18-2007	Parhi	
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		^{US-} 6,493,399	12-10-2002	Xia	
		^{US-} 7,190,734	03-13-2007	Giannakis	
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	FOREIGN PATENT DOCUMENTS						
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INFORMATION DISCLOSURE	Filing Date	October 23, 2006			
STATEMENT BY APPLICANT	First Named Inventor	Justin S. Dyer			
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Sheet 3 of 3	Attorney Docket Number	KSU002			

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A1	GRESSET, N, et al., "Linear precoding under iterative processing for multiple antenna channels," First Int. Symp. Control, Comm. and Signal Proc., 2004, pp. 563 – 566.	
	A2	BARRETO, A.N., "Joint signal precoding in the downlink of spread-spectrum systems," IEEE Trans. Wireless Comm., Vol. 2, No. 3, May 2003, pp. 511 – 518.	
	АЗ	HJORUNGNES,A., "Precoding of Orthogonal Space-Time Block Codes in Arbitrarily Correlated MIMO Channels: Iterative and Closed-Form Solutions," IEEE Trans. Wireless Comm., Vol.	
	A4	SKJEVLING, H., et al., "Precoding for Distributed Space-Time Codes in Cooperative Diversity- Based Downlink," Proc. IEEE Int. Conf. on Comm., ICC 2006, Istanbul, Turkey, June 20	
	A5	HJORUNGNES.A., "Exact SER-Precoding of Orthogonal Space-Time Block Coded Correlated MIMO Channels: An Iterative Approach,"Proc. 6th IEEE Nordic Sig. Proc. Symp., NORSIG 2004,	
	A6	CASTRO, P.M., et al., "Adaptive precoding in MIMO wireless communication systems using blind channel prediction over frequency selective fading channels," 13th Workshop on Sta	
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